Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087174.D
Acq On : 19 May 2016 6:45
Operator : UM/SJ
Sample : H3106-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-04

Quant Time: May 19 07:41:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	121382	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	497631	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	237108	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	383506	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	287483	20.00	ng	-0.05
86) Perylene-d12	15.06	264	286570	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	510611	70.71	ng	-0.03
7) Phenol-d6	6.24	99	421673	43.54	ng	-0.05
23) Nitrobenzene-d5	7.15	82	942400	94.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	311053	118.72	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1569311	109.61	ng	-0.03
78) Terphenyl-d14	12.67	244	1242564	97.77	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	25110	3.59	ng	# 81
15) Benzyl Alcohol	6.73	79	16951	2.35	ng	# 44
19) n-Nitroso-di-n-propylamine	7.15	70	133707	18.16	ng	# 74
25) Isophorone	7.15	82	742501	40.62	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	29989	7.64	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	29989	5.96	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	20011	5.07	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Acq On : 19 May 2016 6:45
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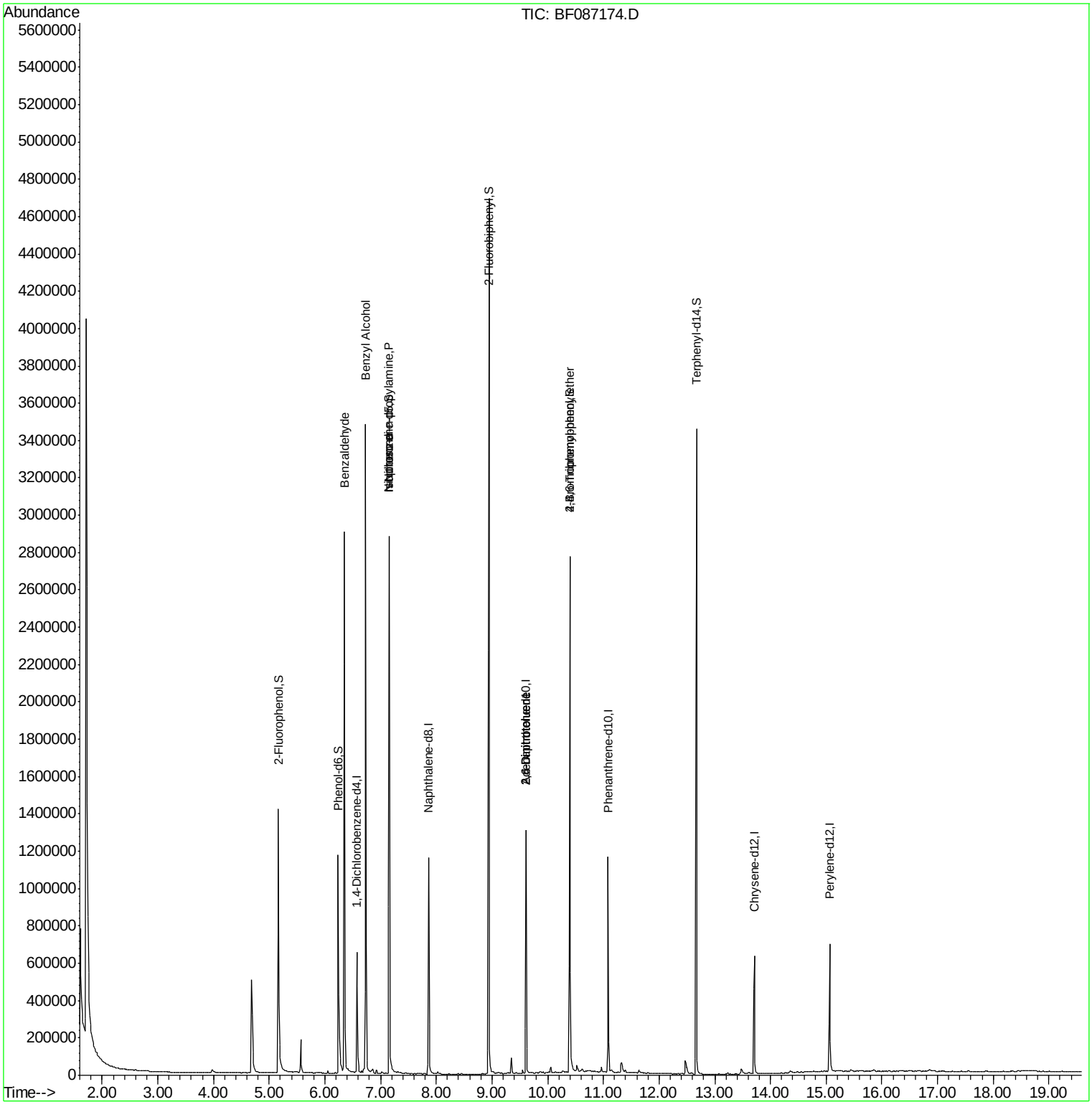
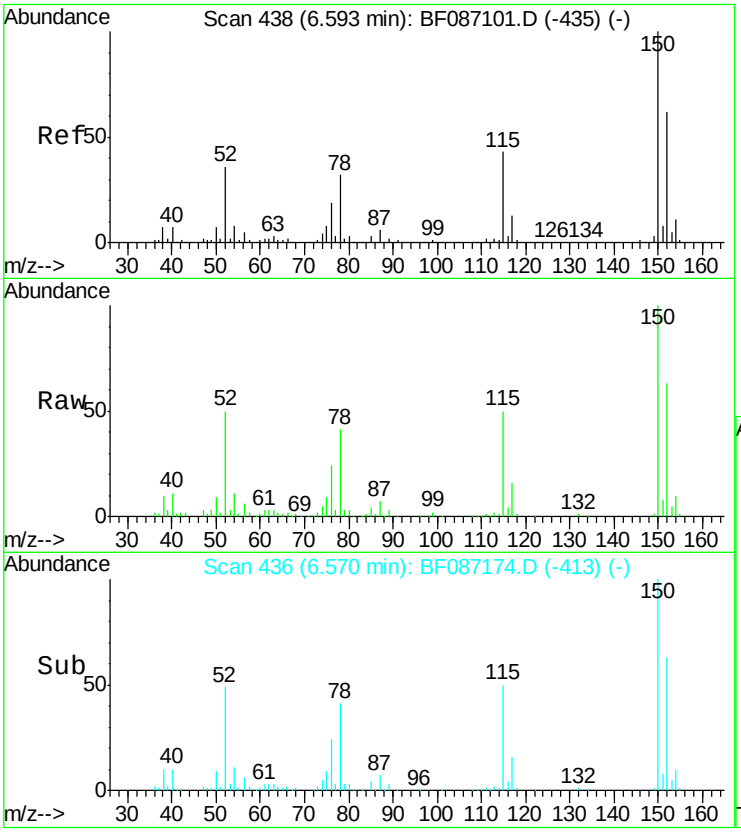


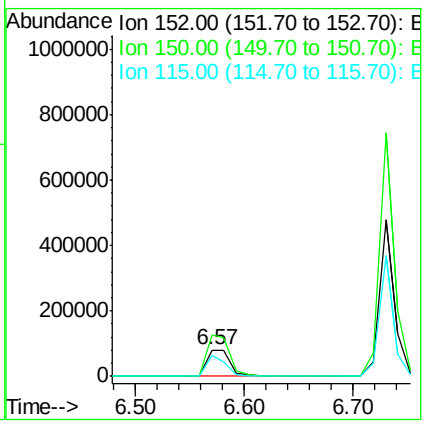


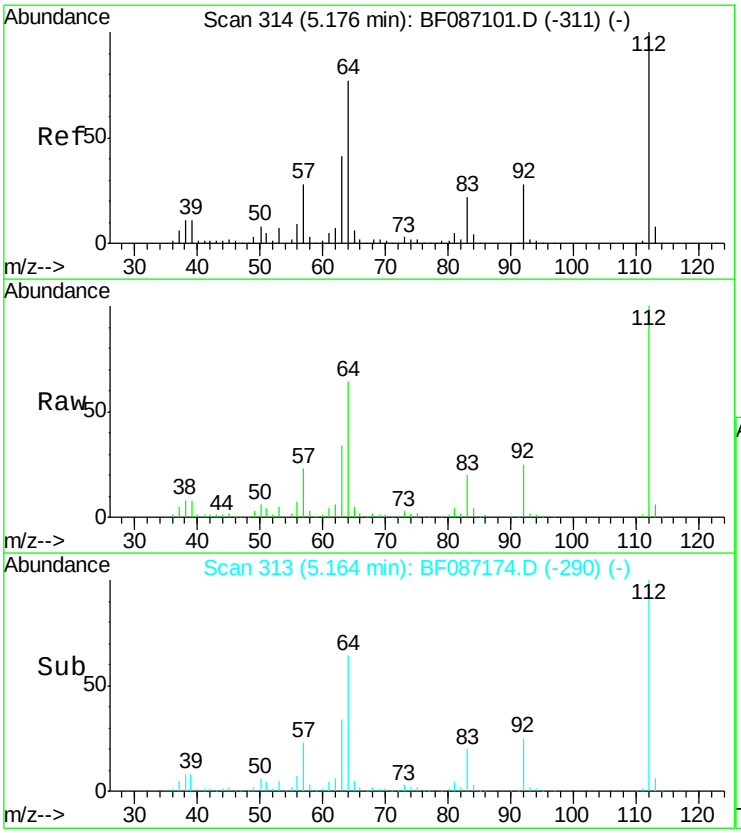
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:152 Resp: 121382

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.8	188.6
115	79.9	51.5	77.3#

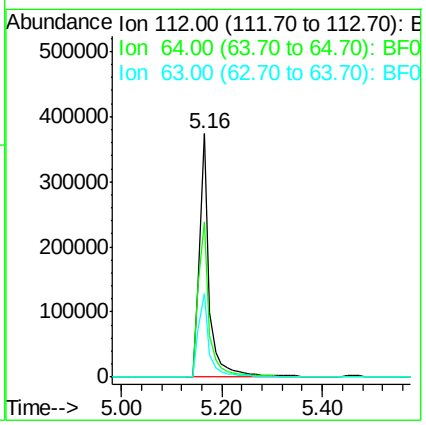


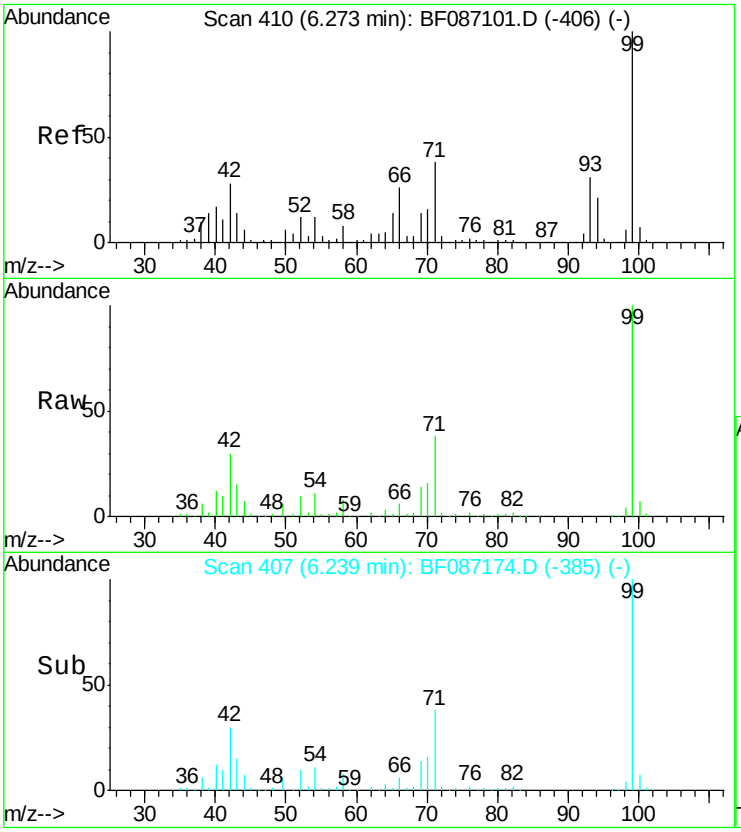


#5
2-Fluorophenol
Concen: 70.71 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion:112 Resp: 510611

Ion	Ratio	Lower	Upper
112	100		
64	63.8	52.1	78.1
63	34.5	25.7	38.5



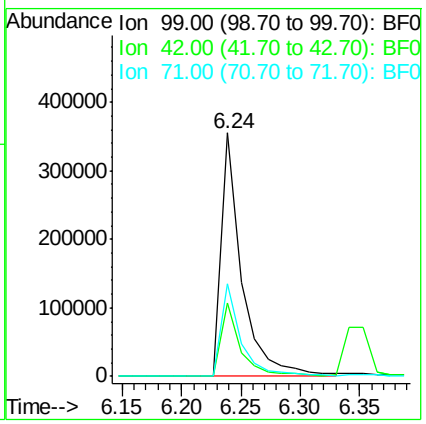


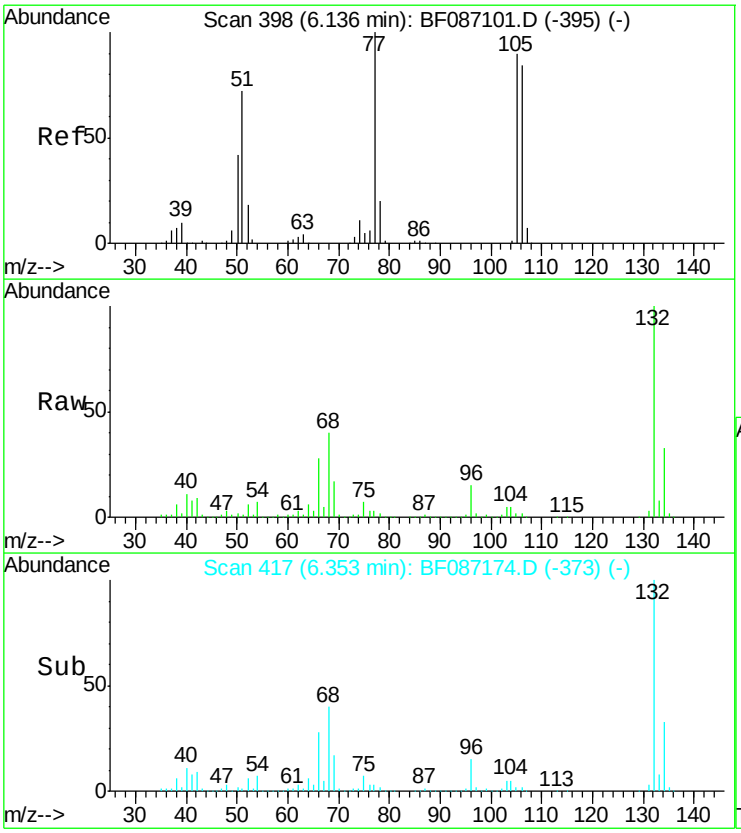
#7
Phenol-d6
Concen: 43.54 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion: 99 Resp: 421673

Ion	Ratio	Lower	Upper
99	100		
42	30.1	13.6	20.4#
71	38.0	24.6	36.8#

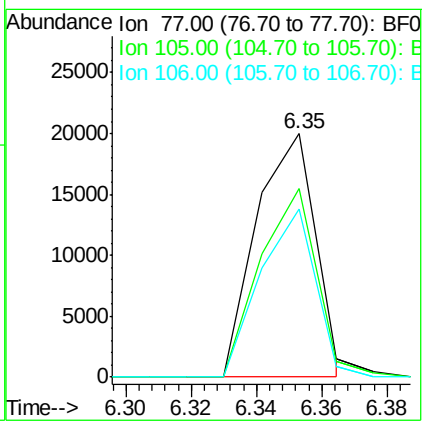


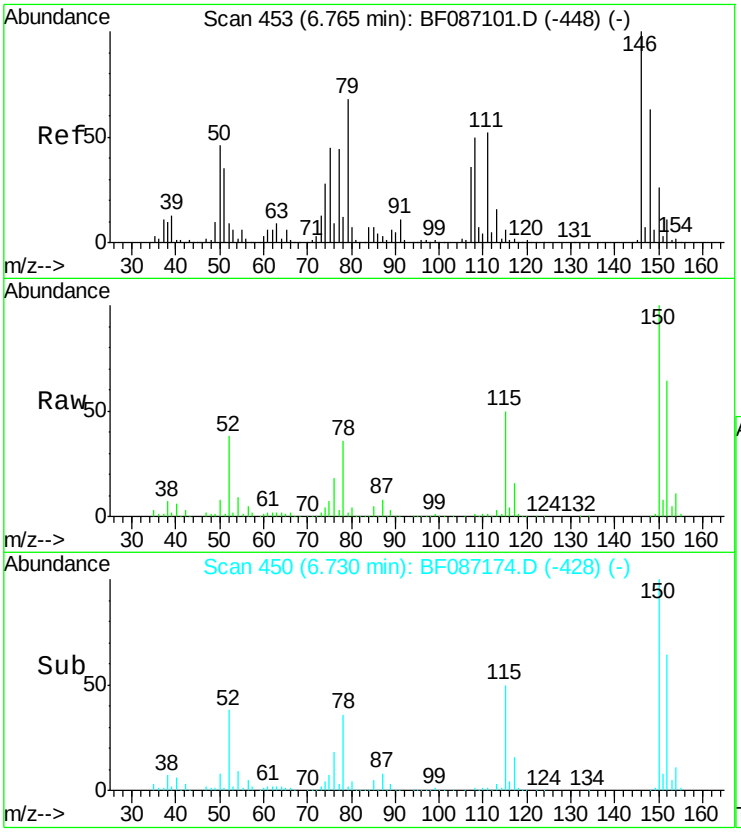


#9
Benzaldehyde
Concen: 3.59 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion: 77 Resp: 25110

Ion	Ratio	Lower	Upper
77	100		
105	77.6	72.7	112.7
106	69.1	70.8	110.8#



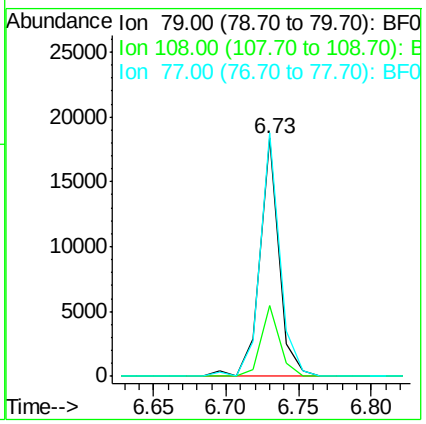


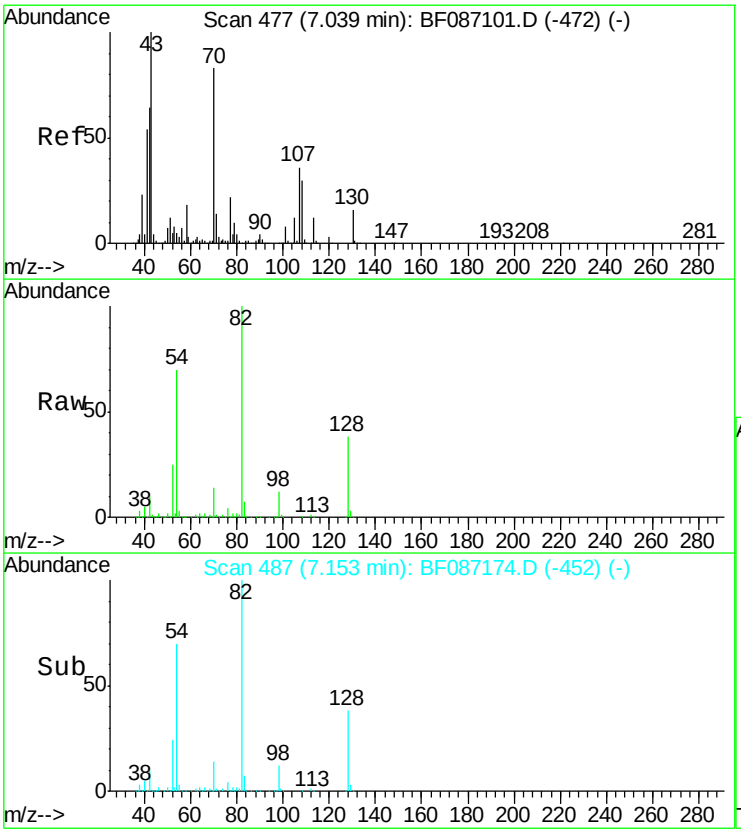
#15
Benzyl Alcohol
Concen: 2.35 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion: 79 Resp: 16951

Ion	Ratio	Lower	Upper
79	100		
108	29.7	68.4	102.6#
77	102.3	50.6	76.0#

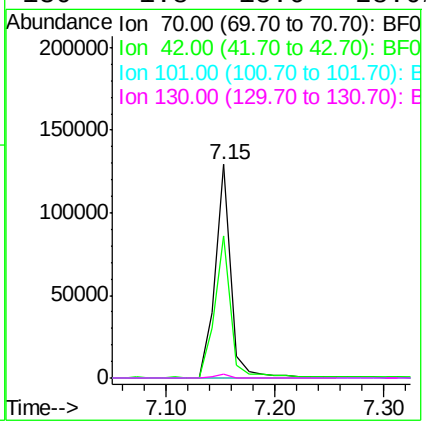


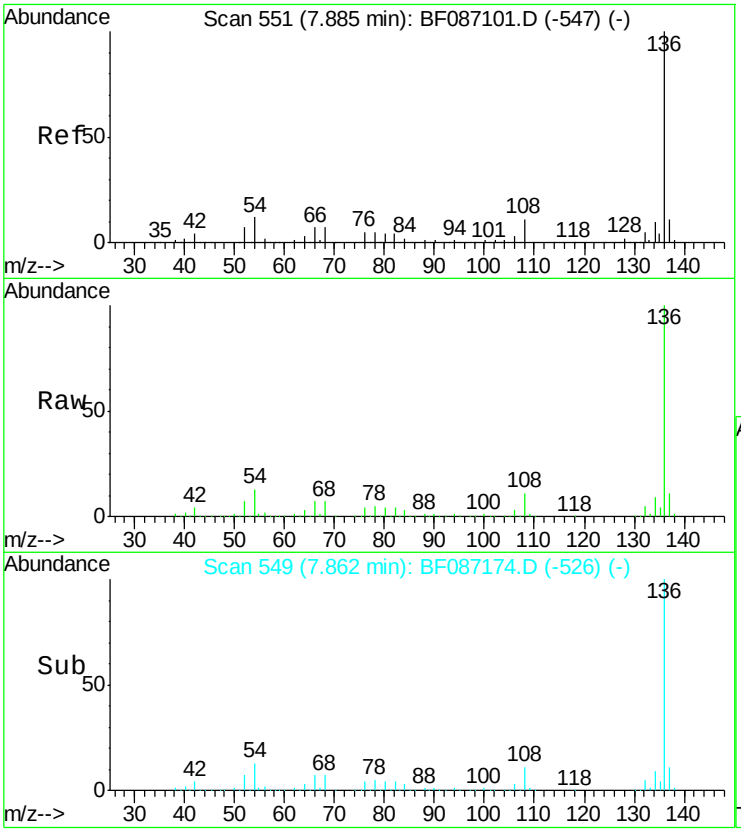


#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion: 70 Resp: 133707

Ion	Ratio	Lower	Upper
70	100		
42	66.3	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



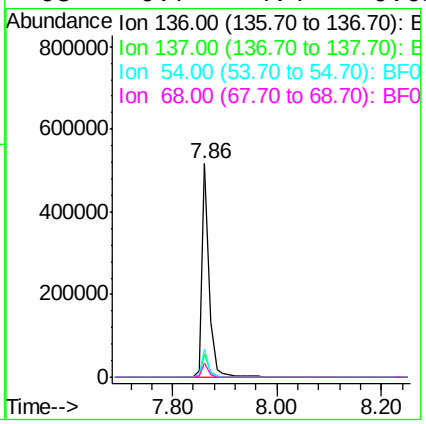


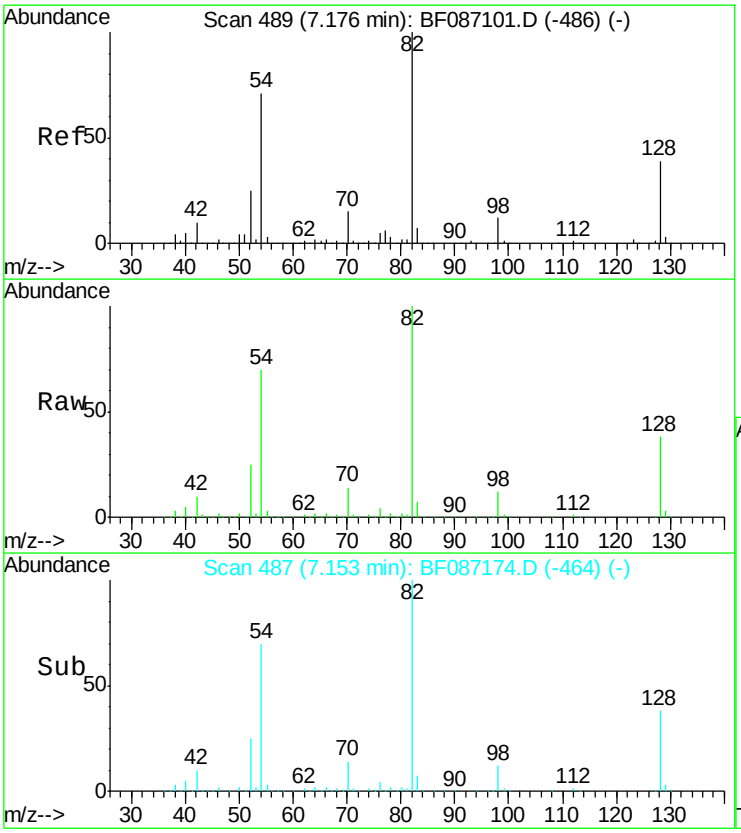
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:136 Resp: 497631

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.2	5.0	7.4#
68	6.7	4.4	6.6#

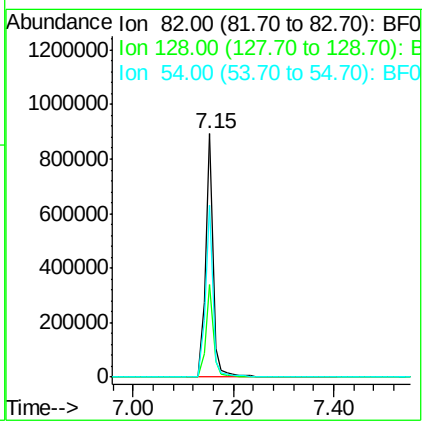


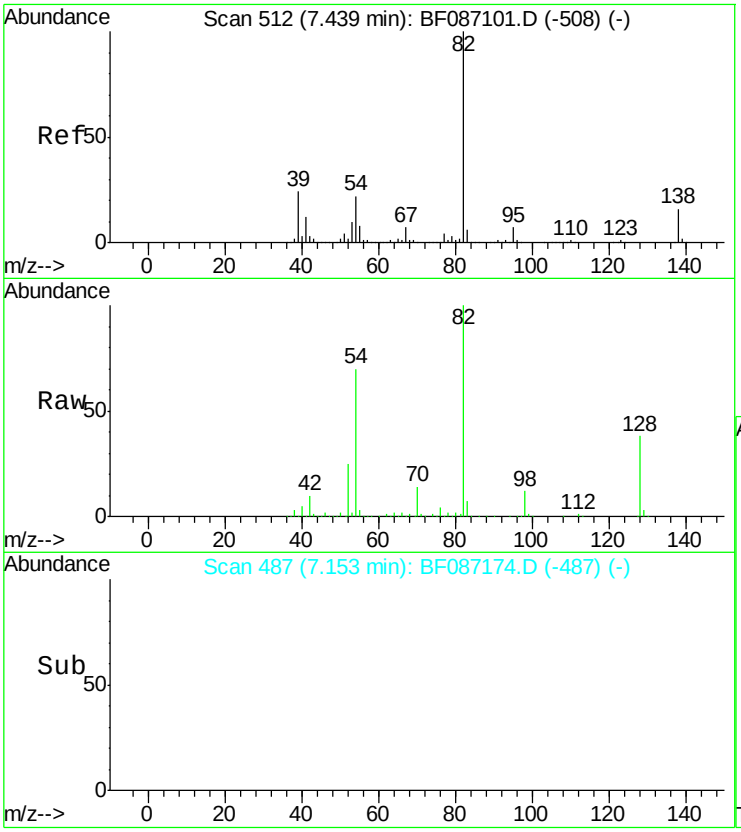


#23
Nitrobenzene-d5
Concen: 94.38 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion: 82 Resp: 942400

Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	61.0#
54	70.4	38.1	57.1#



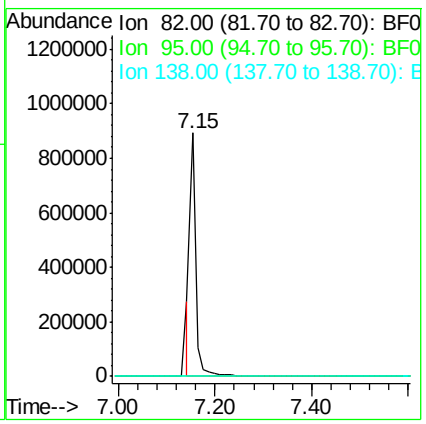


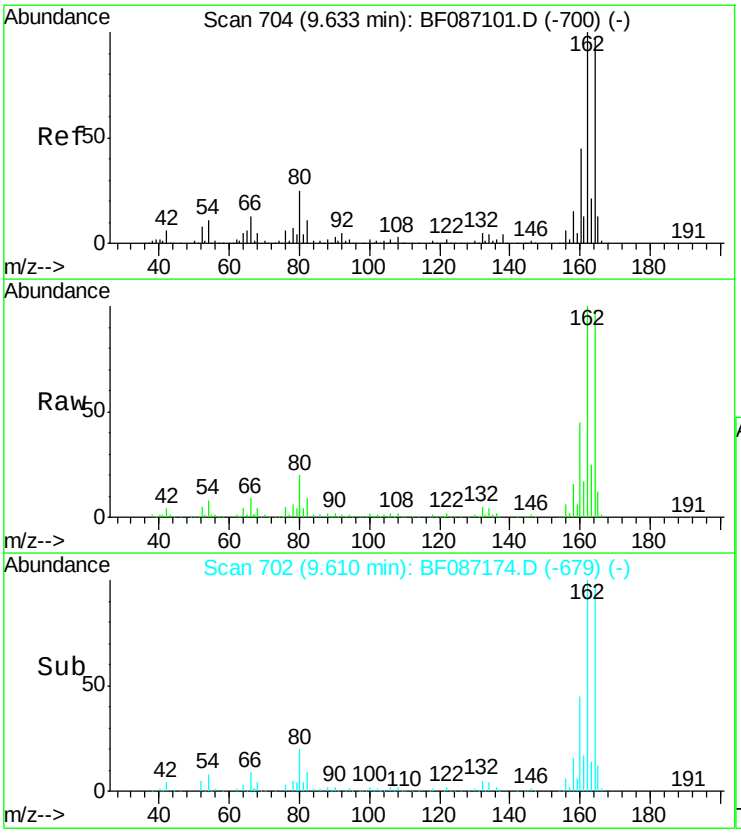
#25
Isophorone
Concen: 40.62 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion: 82 Resp: 742501

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

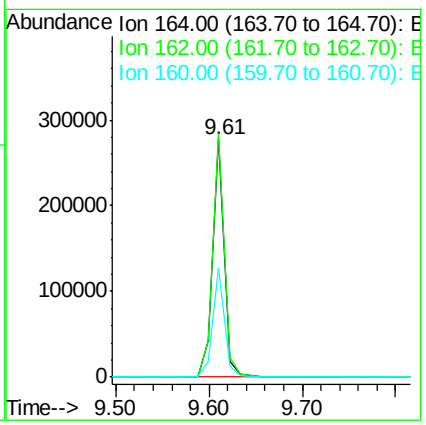


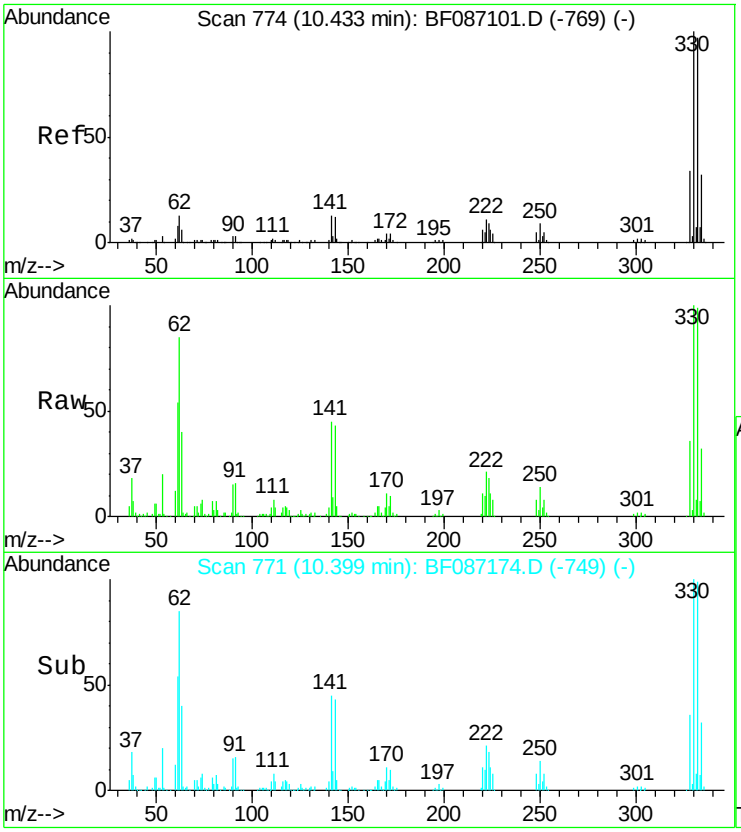


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion:164 Resp: 237108

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	45.9	36.9	55.3



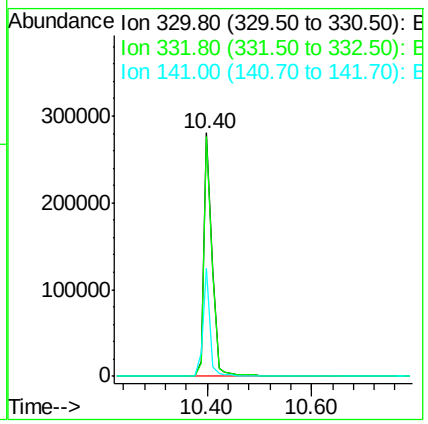


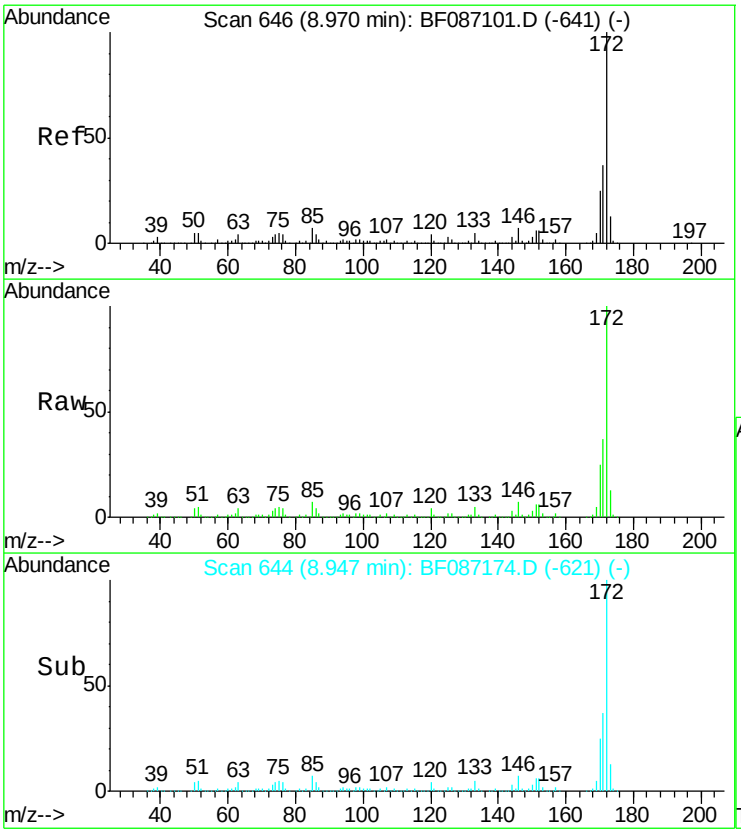
#41
2,4,6-Tribromophenol
Concen: 118.72 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:330 Resp: 311053

Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	38.4	31.2	46.8

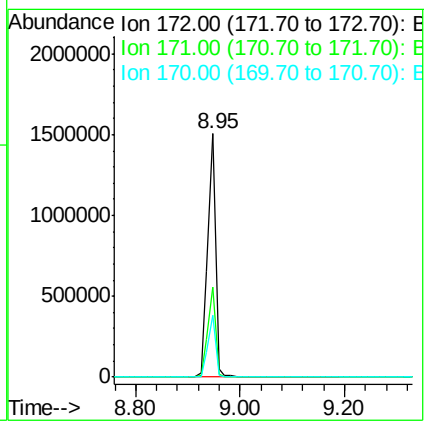


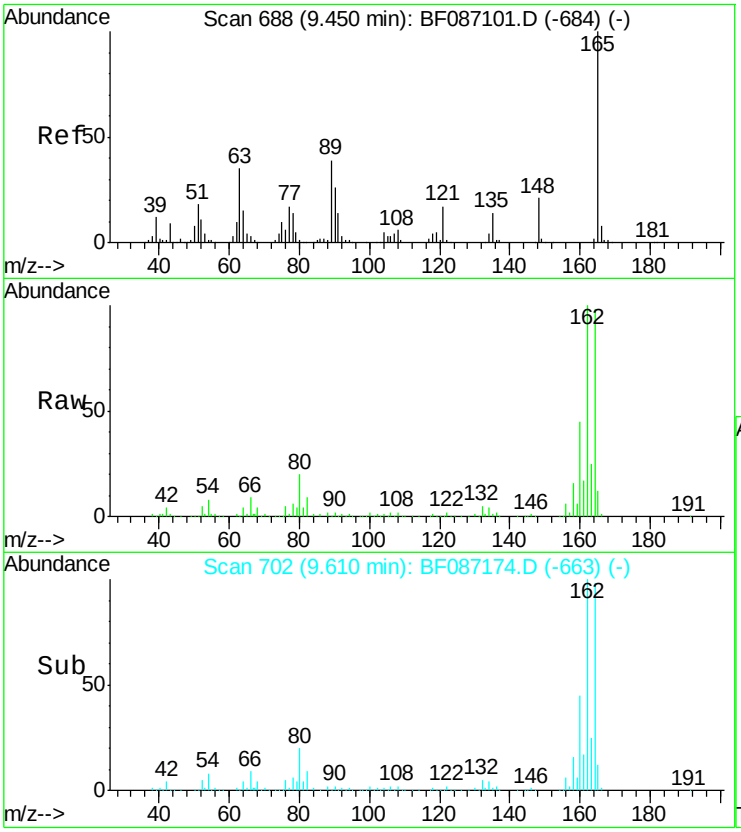


#44
2-Fluorobiphenyl
Concen: 109.61 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion:172 Resp: 1569311

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.2	19.8	29.8



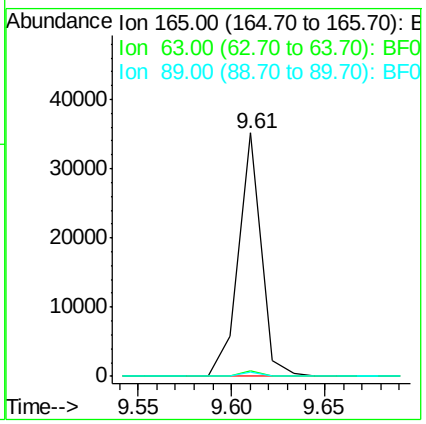


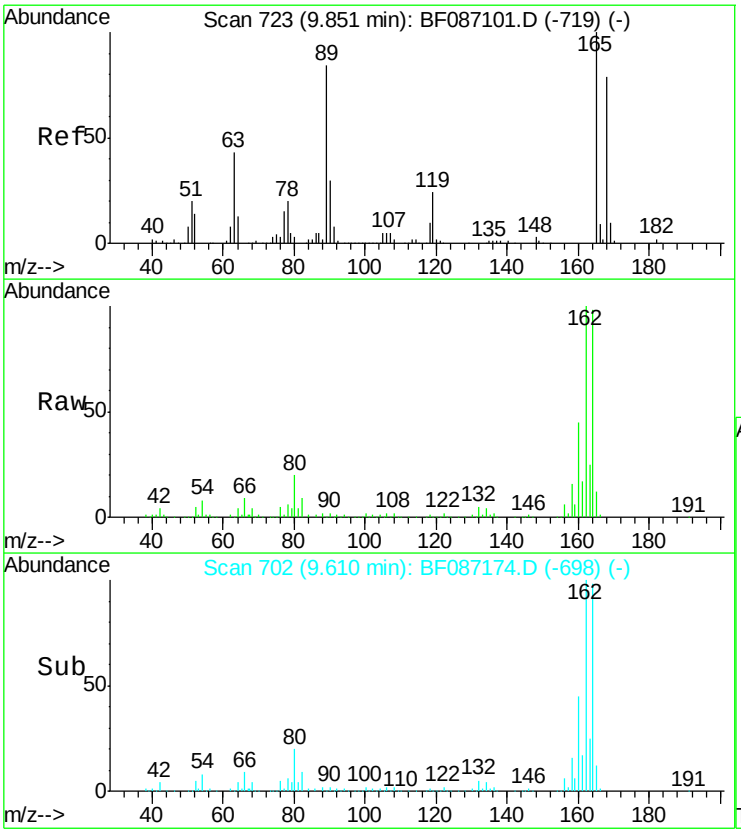
#50
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.15 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:165 Resp: 29989

Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	2.0	50.7	76.1#

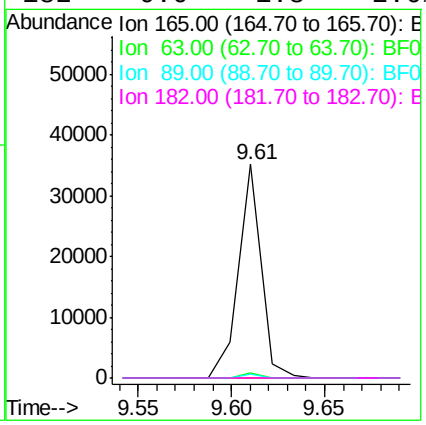


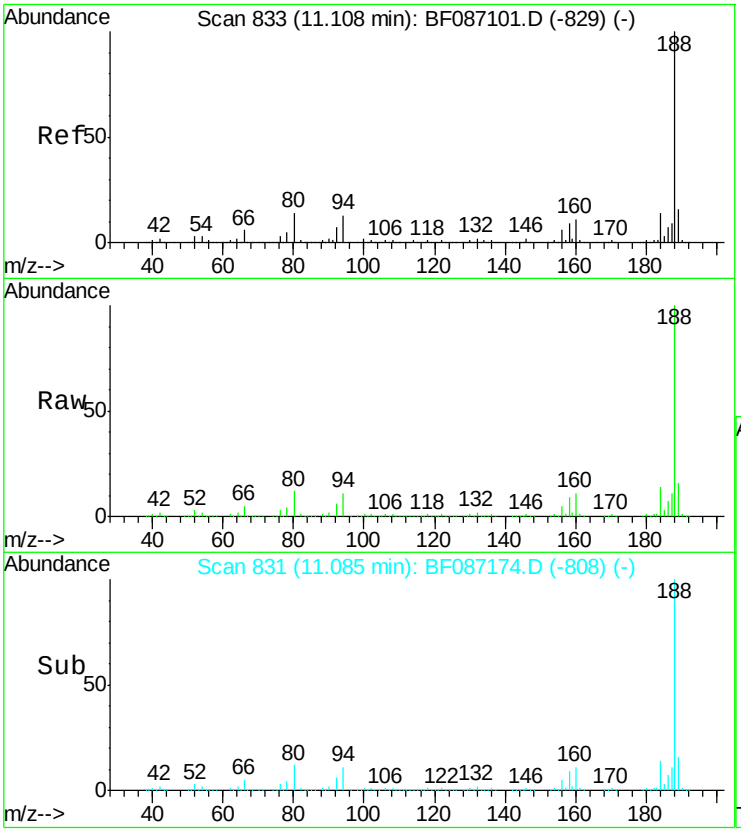


#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion:165 Resp: 29989

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



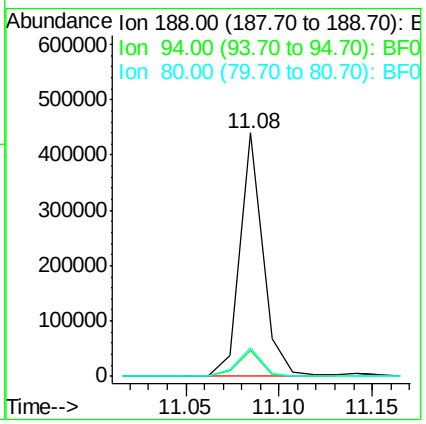


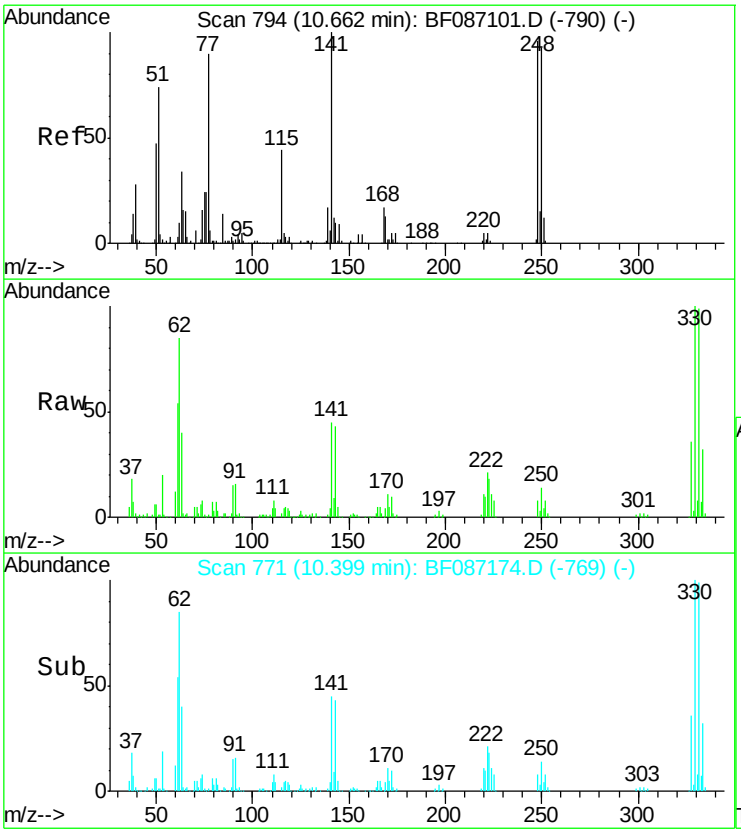
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:188 Resp: 383506

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.8	10.2#
80	11.8	7.1	10.7#

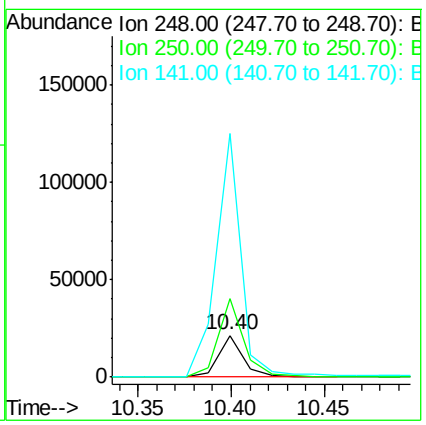


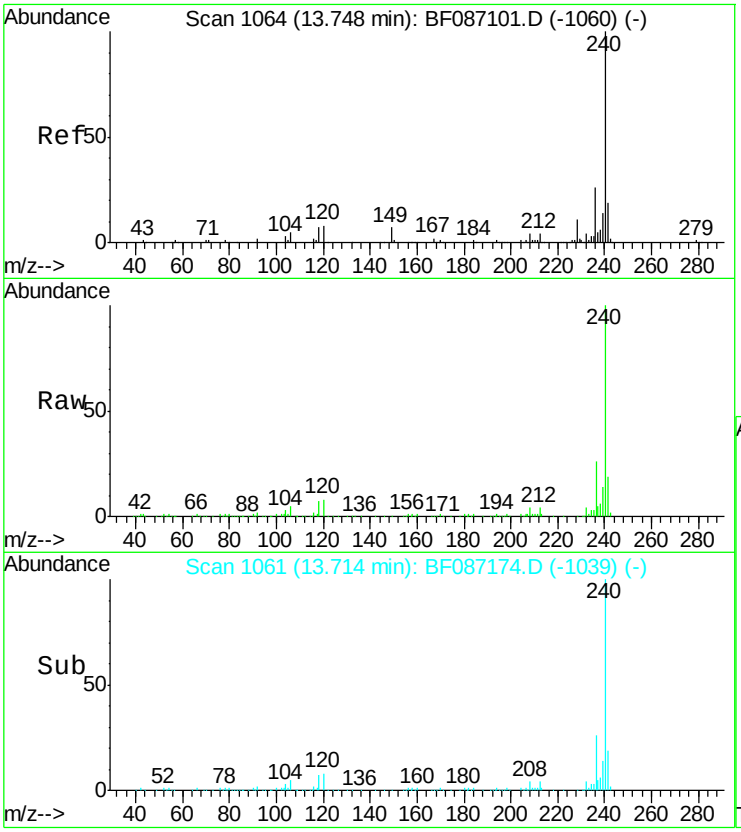


#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion:248 Resp: 20011

Ion	Ratio	Lower	Upper
248	100		
250	187.9	78.6	117.8#
141	580.3	76.0	114.0#



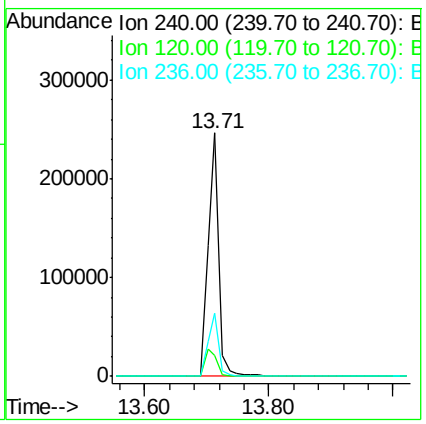


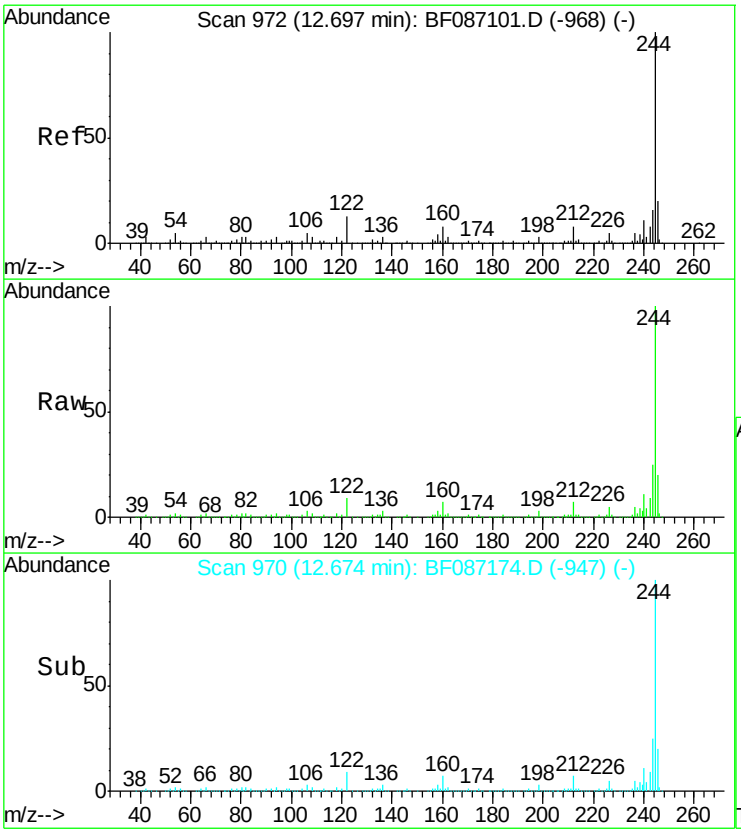
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:240 Resp: 287483

Ion	Ratio	Lower	Upper
240	100		
120	8.5	11.2	16.8#
236	26.0	21.2	31.8

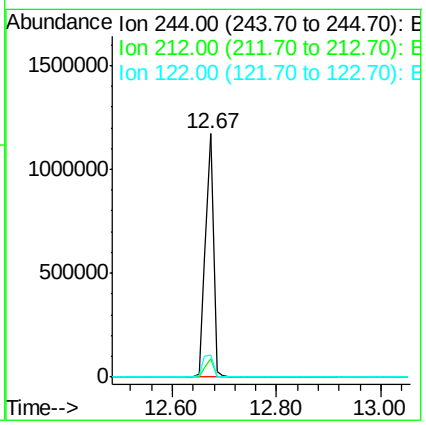


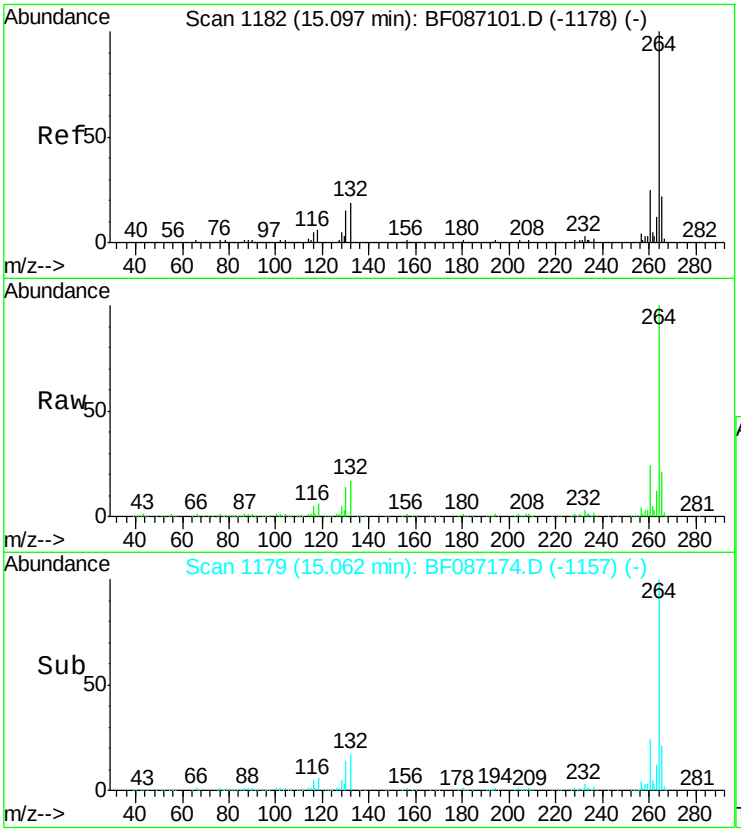


#78
Terphenyl-d14
Concen: 97.77 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion:244 Resp: 1242564

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.3	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tgt Ion:264 Resp: 286570

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.2	17.3	25.9